

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

RICHARD K. COOPER, ET AL.

Application No. 10/583,812

Filed: 06/22/2006

For: Gene Therapy Using Transposon-  
Based Vectors

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Examiner: Not yet assigned

Art Unit: Not yet assigned

Docket No.: 51687-0261 (331126)

**INFORMATION DISCLOSURE STATEMENT**

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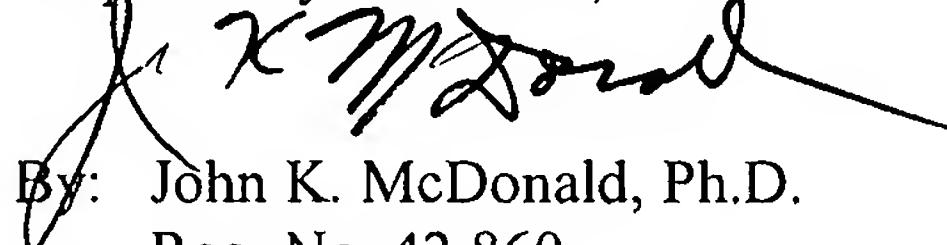
Commissioner for Patents  
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Alexandria, VA 22313-1450

Sir:

The citation of information on the attached Form PTO/SB/08 is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each non-U.S. cited item is enclosed.

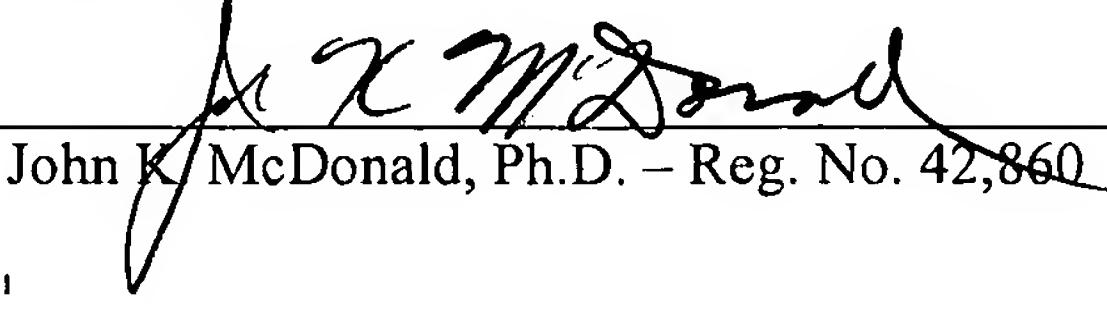
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Respectfully submitted,

  
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in a box addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 26, 2006.

  
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Substitute for Form 1449/A/PTO				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	1	of	23	Attorney Docket Number	51687-0261 (51687-331126)

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number <sup>2</sup>	Kind Code <sup>3</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	4,670,388		Rubin et al.	06/02/1987	
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	23	6,107,477		Whitney et al.	08/22/2000	
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<p>Substitute for Form 1449/A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)</p>				Complete if Known		
				Application No.		10/746,149
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				Group Art Unit		
				Examiner Name		
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		Number <sup>2</sup>	Kind Code <sup>3</sup> (if known)			
	25	6,156,568		Cooper et al.	12/05/2000	
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	67	2002/0119573		Shaw et al.	08/29/2002	
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	73	2002/0150577		Lee et al.	10/17/2002	
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		Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	97	2003/0177516		Horseman et al.	09/18/2003	
	98	2003/0182672		Graham et al.	09/25/2003	
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### FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Kind Code <sup>5</sup> (if known)				
	108	WO	00/30437	Wisconsin Alumni Research Foundation	06/02/2000		
	109	WO	00/56932	The University of Georgia Research Foundation, Inc.	09/28/2000		
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	111	WO	01/19846	Genzyme Transgenics Corporation	03/22/2001		
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	113	WO	01/26455	Genzyme Transgenics Corporation	04/19/2001		
	114	WO	01/43540	Schatten	06/21/2001		
	115	WO	01/71019	A1 Savakis et al.	09/27/2001		
	116	WO	01/73094	BioAgri Corporation	10/04/2001		
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	121	WO	03/025146	Avigenics, Inc.	03/27/2003		
	122	WO	03/064627	Origen Therapeutics	08/07/2003		
	123	WO	92/20316	University of Connecticut, Targetech, Inc.	11/26/1992		
	124	WO	94/20608	Creighton University Office of Technology Transfer	09/15/0994		
	125	WO	95/31566	Viagene Incorporated	11/23/1995		
	126	WO	97/47739	Board of Trustees Operating Michigan State University	12/18/1997		
	127	WO	99/09817	Biotechnology and Biological Sciences Research Council	03/04/1999		
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	131	WO	1993/24626	Scientific Dimensions USA Inc.	12/09/1993		
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	134	WO	2002/47475	Kaneka Corporation	06/20/2002		
	135	WO	2003/014344	Viragen Incorporated	02/20/2003		
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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
	139	<b>Author:</b> ABDEL-SALAM et al. <b>Publ:</b> <u>Appl. Microbiol. Biotechnol.</u>	<b>Title:</b> Expression of Mouse Anticreatine Kinase (MAK33) Monoclonal Antibody in the Yeast Hansenula Polymorpha	<b>Vol/Iss:</b> 56 <b>Pages:</b> 157-164 <b>Date:</b> 2001	
	140	<b>Author:</b> AFANASSIEFF et al. <b>Publ:</b> <u>Avian Diseases</u>	<b>Title:</b> Intratesticular Inoculation of Avian Leukosis Virus (ALV) in Chickens - Production of Neutralizing Antibodies and Lack of Virus Shedding into Semen	<b>Vol/Iss:</b> Vol. 40 <b>Pages:</b> 841-852 <b>Date:</b> 01-01-1996	
	141	<b>Author:</b> ANDRA et al. <b>Publ:</b> <u>Molecular Immunology</u>	<b>Title:</b> Generation and Characterization of Transgenic Mice Expressing Cobra Venom Factor	<b>Vol/Iss:</b> 39 <b>Pages:</b> 357-365 <b>Date:</b> 2002	
	142	<b>Author:</b> ARAKI et al. <b>Publ:</b> <u>Proc. Natl. Acad. Sci. USA</u>	<b>Title:</b> Site-specific Recombination of a Transgene in Fertilized Eggs by Transient Expression of Cre Recombinase	<b>Vol/Iss:</b> Vol. 92 <b>Pages:</b> 160-164 <b>Date:</b> 01-01-1995	
	143	<b>Author:</b> ARGAUD et al. <b>Publ:</b> <u>Diabetes</u>	<b>Title:</b> Regulation of Rat Liver Glucose-6-Phosphatase Gene Expression in Different Nutritional and Hormonal States	<b>Vol/Iss:</b> Vol. 45 <b>Pages:</b> 1563-1571 <b>Date:</b> 11-01-1996	
	144	<b>Author:</b> AWADE, A.C. <b>Publ:</b> <u>Z Lebensm Unters Forsch</u>	<b>Title:</b> On Hen Egg Fractionation: Applications of liquid Chromatography to the Isolation and the Purification of Hen Egg White and Egg Yolk Proteins	<b>Vol/Iss:</b> Vol. 202 <b>Pages:</b> 1-14 <b>Date:</b> 01-01-1996	
	145	<b>Author:</b> AWADE et al. <b>Publ:</b> <u>Journal of Chromatography B.</u>	<b>Title:</b> Comparison of Three Liquid Chromatographic Methods for Egg-white Protein Analysis	<b>Vol/Iss:</b> Vol. 723 <b>Pages:</b> 69-74 <b>Date:</b> 01-01-1999	

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Substitute for Form 1449/A/PTO				Complete if Known	
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				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	146	<b>Author:</b> BEARDSLEY, T.  <b>Publ:</b> <a href="http://www.sciam.com/2000/0200issue/0200techbus5.html">http://www.sciam.com/2000/0200issue/0200techbus5.html</a>	<b>Title:</b> Gene therapy Setback: A tragic Death Clouds the Future of an Innovative Treatment Method		
	147	<b>Author:</b> BELL et al.  <b>Publ:</b> <a href="#">Nature</a>	<b>Title:</b> Nucleotide Sequence of a cDNA Clone Encoding Human Preproinsulin		
	148	<b>Author:</b> BOLLI et al.  <b>Publ:</b> <a href="#">Diabetologia</a>	<b>Title:</b> Insulin Analogues and Their Potential in the Management of Diabetes Mellitus		
	149	<b>Author:</b> BRINSTER, R.L.  <b>Publ:</b> <a href="#">Science</a>	<b>Title:</b> Germline Stem Cell Transplantation and Transgenesis		
	150	<b>Author:</b> CHATTERJEE et al.  <b>Publ:</b> <a href="#">Genetic Analysis: Biomolecular Engineering</a>	<b>Title:</b> Retrofitting High Molecular Weight DNA Cloned in P1: Introduction of Reporter Genes, markers in Mammalian Cells and Generation of Nested Deletions		
	151	<b>Author:</b> CIAMPI, M.S. et al.  <b>Publ:</b> <a href="#">Proc Natl Acad Sci USA</a>	<b>Title:</b> Transposon Tn10 Provides a Promoter for transcription of adjacent sequences		
	152	<b>Author:</b> CIFTCI et al.  <b>Publ:</b> <a href="#">Advanced Drug Delivery Reviews</a>	<b>Title:</b> Applications of Genetic Engineering in Veterinary Medicine		
			<b>Vol/Iss:</b> Vol. 282	<b>Pages:</b> 525-527	<b>Date:</b> 11-29-1979
			<b>Vol/Iss:</b> Vol. 42	<b>Pages:</b> 1151-1167	<b>Date:</b> 01-01-1999
			<b>Vol/Iss:</b> Vol. 296	<b>Pages:</b> 2174-2176	<b>Date:</b> 06-21-2002
			<b>Vol/Iss:</b> Vol. 13	<b>Pages:</b> 33-42	<b>Date:</b> 01-01-1996
			<b>Vol/Iss:</b> 79(16)	<b>Pages:</b> 5016-5020	<b>Date:</b> 08-01-1982
			<b>Vol/Iss:</b> Vol. 43	<b>Pages:</b> 57-64	<b>Date:</b> 01-01-2000

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	153	Author:DAVIS, M.A. et al.  <u>Publ:</u> <u>Cell</u>	Title:Tn10 Protects Itself at two levels from fortuitous activation by external promoters  <u>Vol/Iss:</u> 43(1) <u>Pages:</u> 379-387 <u>Date:</u> 11-11-1985		
	154	Author:DEMATTEO et al.  <u>Publ:</u> <u>Journal of Surgical Research</u>	Title:Engineering Tissue-Specific Expression of a Recombinant Adenovirus: Selective Transgene Transcription in the Pancreas Using the Amylase Promoter  <u>Vol/Iss:</u> Vol. 72 <u>Pages:</u> 155-161 <u>Date:</u> 01-01-1997		
	155	Author:DESERT, C. et al.  <u>Publ:</u> <u>J. Agric. Food Chem.</u>	Title:Comparisons of Different Electrophoretic Separations of Hen Egg White Proteins  <u>Vol/Iss:</u> Vol. 49 <u>Pages:</u> 4553-4561 <u>Date:</u> 01-01-2001		
	156	Author:DIERICH, A. et al.  <u>Publ:</u> <u>The EMBO Journal</u>	Title:“Cell-Specificity of the Chicken Ovalbumin and Conalbumin Promoters”  <u>Vol/Iss:</u> <u>Pages:</u> 2305-2312 <u>Date:</u> 01-01-1987		
	157	Author:DONG et al.  <u>Publ:</u> <u>Trends in Endocrinology &amp; Metabolism</u>	Title:Hepatic Insulin Production Type-1 Diabetes  <u>Vol/Iss:</u> Vol. 12 No. 10 <u>Pages:</u> 441-446 <u>Date:</u> 12-01-2001		
	158	Author:DUPUY et al.  <u>Publ:</u> <u>PNAS</u>	Title:Mammalian Germ-like Transgenesis by Transposition  <u>Vol/Iss:</u> Vol. 99 No. 7 <u>Pages:</u> 4495-4499 <u>Date:</u> 04-02-2002		
	159	Author:EBARA et al.  <u>Publ:</u> <u>Asian-Aus. J. Anim. Sci.</u>	Title:Possible Abnormalities of Chimeric Chicken Caused by the Introduction of Exogenous Genes into Chicken Embryos via Primordial Germ Cells (PGC's)  <u>Vol/Iss:</u> Vol. 13 No. 11 <u>Pages:</u> 1514-1517 <u>Date:</u> 01-01-2000		

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	160	<b>Author:</b> EBARA et al.  <b>Publ:</b> <u>Journal of Reproduction and Development</u>	<b>Title:</b> In Vivo Gene Transfer into Chicken Embryos via Primordial Germ Cells Using Green Fluorescent Protein as a Marker		
			<b>Vol/Iss:</b> Vol. 46 No. 2	<b>Pages:</b> 79-83	<b>Date:</b> 01-01-2000
	161	<b>Author:</b> EGGLESTON et al.  <b>Publ:</b> <u>BMC Genetics</u>	<b>Title:</b> A Sensitive and Rapid Assay for Homologous Recombination in Mosquito Cells: Impact of Vector Topology and Implications for Gene Targeting		
			<b>Vol/Iss:</b> 2 (21)	<b>Pages:</b> 1-9	<b>Date:</b> 12/17/2001
	162	<b>Author:</b> ETCHES et al.  <b>Publ:</b> <u>Proceedings, 5th World Congress, University of Guelph</u>	<b>Title:</b> Gene Transfer: Overcoming the Avian Problems (Abstract Provided)		
			<b>Vol/Iss:</b> Vol. 20	<b>Pages:</b> 97-101	<b>Date:</b> 08-01-1994
	163	<b>Author:</b> ETCHES et al.  <b>Publ:</b> <u>Manipulation of the Avian Genome</u>	<b>Title:</b> Manipulation of the Avian Genome		
			<b>Vol/Iss:</b>	<b>Pages:</b> 322	<b>Date:</b> 01-01-1993
	164	<b>Author:</b> ETCHES, R.J. et al.  <b>Publ:</b> <u>Methods in Molecular Biology</u>	<b>Title:</b> Strategies for the Production of Transgenic Chicken		
			<b>Vol/Iss:</b> 62	<b>Pages:</b> 433-450	<b>Date:</b> 01-01-1997
	165	<b>Author:</b> FALQUI et al.  <b>Publ:</b> <u>Human Gene Therapy</u>	<b>Title:</b> Reversal of Diabetes in Mice by Implantation of Human Fibroblasts Genetically Engineered to Release Mature Human Insulin		
			<b>Vol/Iss:</b> Vol. 10	<b>Pages:</b> 1753-1762	<b>Date:</b> 07-20-1999
	166	<b>Author:</b> FISCHER, S. et al.  <b>Publ:</b> <u>Proc. Natl. Acad. Sci. USA</u>	<b>Title:</b> Regulated Transposition of a Fish Transposon in the Mouse Germ Line		
			<b>Vol/Iss:</b> 98 (12)	<b>Pages:</b> 6759-6764	<b>Date:</b> 01-01-2001

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				Attorney Docket Number	51687-0261 (51687-331126)

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	167	<b>Author:</b> FONG, K.P. et al. <b>Publ:</b> <u>Plasmid</u>	<b>Title:</b> The genes for benzene catabolism in <i>Pseudomonas putida</i> ML2 are flanked by two copies of the insertion element IS1489, forming a class-I-type catabolic transposon, Tn5542	<b>Vol/Iss:</b> 43(2) <b>Pages:</b> 103-110 <b>Date:</b> 03-01-2000	
	168	<b>Author:</b> GHOSH et al. <b>Publ:</b> <u>Journal of Hepatology</u>	<b>Title:</b> Liver-directed Gene Therapy: Promises, Problems and Prospects at the Turn of the Century	<b>Vol/Iss:</b> Vol. 32 <b>Pages:</b> 238-252 <b>Date:</b> 01-01-2000	
	169	<b>Author:</b> GIBBINS, A.M. <b>Publ:</b> <u>Agri-food Research in Ontario</u>	<b>Title:</b> Chickens as Bioreactors - Harvesting Commercially-Valuable Proteins from the Egg	<b>Vol/Iss:</b> <b>Pages:</b> 39-41 <b>Date:</b> 01-01-1996	
	170	<b>Author:</b> GIBBINS, A.M.V. <b>Publ:</b> <u>Animal Biotechnology</u>	<b>Title:</b> Transgenic Poultry Technology and Food Production	<b>Vol/Iss:</b> Vol. 9 No. 3 <b>Pages:</b> 173-179 <b>Date:</b> 01-01-1998	
	171	<b>Author:</b> GIBBINS, A.M.V. <b>Publ:</b> <u>Nat. Biotechnol.</u>	<b>Title:</b> The Chicken, the Egg, and the Ancient Mariner	<b>Vol/Iss:</b> Vol. 16, No. 11 <b>Pages:</b> 1013-1014 <b>Date:</b> 01-01-1998	
	172	<b>Author:</b> GIBBINS et al. <b>Publ:</b> <u>Lohmann Information</u>	<b>Title:</b> Genetically-engineered Poultry	<b>Vol/Iss:</b> No. 21 <b>Pages:</b> 3-6 <b>Date:</b> 01-01-1997	
	173	<b>Author:</b> GIBBINS et al. <b>Publ:</b> <u>Kungl. Skogs- och Lantbruksakademiens Tidskrift</u>	<b>Title:</b> Exploring the Product Possibilities Arising from Transgenic Poultry Technology	<b>Vol/Iss:</b> Vol. 136 No. 20 <b>Pages:</b> 57-68 <b>Date:</b> 01-01-1997	

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	174	Author:GINSBERG et al.  Publ: <u>Equity Research</u>	Title: The Road Ahead for Biologics Manufacturing		
	175	Author:HACKETT, P.B. et al.  Publ: <u>Transgenic Animals in Agriculture</u>	Title: Development of Genetic Tools for Transgenic Animals	Vol/Iss:	Pages: 1-23 Date: 01-01-2002
	176	Author:HAN et al.  Publ: <u>AJAS</u>	Title: Gene Transfer by Manipulation of Primordial Germ Cells in the Chicken	Vol/Iss: 7(3)	Pages: 427-434 Date: 01-01-1994
	177	Author:HARVEY et al.  Publ: <u>Nature Biotechnology</u>	Title: Expression of Exogenous Protein in the White Egg of Transgenic Chickens	Vol/Iss: Vol. 19 No. 4	Pages: 396-399 Date: 04-01-2002
	178	Author:HERMANN et al.  Publ: <u>J. Biol. Chem.</u>	Title: Lipoprotein Receptors in Extraembryonic Tissues of the Chicken	Vol/Iss: Vol. 275 No. 22	Pages: 16837-16844 Date: 06-02-2000
	179	Author:HILLEL et al.  Publ: <u>Poultry Science</u>	Title: Strategies for the Rapid Introgression of a Specific Gene Modification into a Commercial Poultry Flock from a Single Carrier	Vol/Iss: Vol. 72 No. 7	Pages: 1197-1211 Date: 01-01-1993
	180	Author:HONG et al.  Publ: <u>Transgenic Research</u>	Title: Improved Transfection Efficiency of Chicken Gonadal Primordial Germ Cells for the Production of Transgenic Poultry	Vol/Iss: Vol. 7	Pages: 247-252 Date: 01-01-1998

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	181	Author:HORN  <u>Publ:</u> <u>Development Genes and Evolution</u>	Title:A Versatile Vector Set for Animal Transgenesis  <u>Vol/Iss:</u> 210 (12)	<u>Pages:</u> 630-637	<u>Date:</u> 2000
	182	Author:HOUDEBINE, L.M.  <u>Publ:</u> <u>J. Biotechnol.</u>	Title:The Methods to Generate Transgenic Animals and to Control Transgene Expression  <u>Vol/Iss:</u> Vol. 98 Nos. 2-3	<u>Pages:</u> 145-160	<u>Date:</u> 09-25-2002
	183	Author:HOUDEBINE, L.M.  <u>Publ:</u> <u>Transgenic Research</u>	Title:Transgenic Animal Bioreactors  <u>Vol/Iss:</u> 9 (4-5)	<u>Pages:</u> 305-320	<u>Date:</u> 10/01/2000
	184	Author:IVARIE et al.  <u>Publ:</u> <u>TRENDS in Biotech</u>	Title:Avian Transgenesis: Progress Towards the Promise  <u>Vol/Iss:</u> 21 (1)	<u>Pages:</u> 14-19	<u>Date:</u> 01/01/2003
	185	Author:IZSVAK et al.  <u>Publ:</u> <u>J. Mol. Biol.</u>	Title:Sleeping Beauty, A Wide Host-Range Transposon Vector for Genetic Transformation in Vertebrates  <u>Vol/Iss:</u> Vol. 302	<u>Pages:</u> 93-102	<u>Date:</u> 01-01-2000
	186	Author:JARVIS et al.  <u>Publ:</u> <u>The Journal of Biological Chemistry</u>	Title:Influence of Different Signal Peptides and Prosequences on Expression and Secretion of Human Tissue Plasminogen Activator in the Baculovirus System  <u>Vol/Iss:</u> 268(22)	<u>Pages:</u> 16754-16762	<u>Date:</u> 08/05/1993
	187	Author:KAMINSKI et al.  <u>Publ:</u> <u>The FASEB Journal</u>	Title:Design of a Nonviral vector for Site-selective, Efficient Integration into the Human Genome  <u>Vol/Iss:</u> Vol. 16	<u>Pages:</u> 1242-1247	<u>Date:</u> 08-01-2002

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	188	Author:KANDA et al.  Publ: <u>Molecular Endocrinology</u>	Title:Genetic Fusion of an a-Subunit Gene to the Follicle-Stimulating Hormone and Chorionic Gonadotropin-b Subunit Genes: Production of a Bifunctional Protein	Vol/Iss: 13 (11)	Pages: 1873-1881	Date: 11/01/1999
	189	Author:KAY et al.  Publ: <u>Nature Medecine</u>	Title:Viral Vectors for Gene Therapy: the Art of Turning Infectious Agents into Vehicles of Therapeutics	Vol/Iss: Vol. 7 No. 1	Pages: 33-40	Date: 01-01-2001
	190	Author:KLECKNER, N. et al.  Publ: <u>Fed Proc</u>	Title:Transposon Tn10: genetic organization, regulation and insertion specificity	Vol/Iss: 41(10)	Pages: 2649-2652	Date: 08-01-1982
	191	Author:KLUIN, Ph.M. et al.  Publ: <u>Anat. Embryol.</u>	Title:Proliferation of Spermatogonia and Sertoli Cells in Maturing Mice	Vol/Iss: 169	Pages: 73-78	Date: 01-01-1984
	192	Author:Koga et al.  Publ: <u>J Hum Genet</u>	Title:The Medaka Fish Tol2 Transposable Element can Undergo Excision in Human and Mouse Cells	Vol/Iss: 48 (5)	Pages: 231-235	Date: 3/28/2003
	193	Author:KOUSTENI et al.  Publ: <u>Science</u>	Title:Reversal of Bone Loss in Mice by Nongenotropic Signaling of Sex Steroids	Vol/Iss: Vol. 298	Pages: 843-846	Date: 10-25-2002
	194	Author:KOZAK, M.  Publ: <u>J. Mol. Biol.</u>	Title:At Least Six Nucleotides Preceding the AUG Initiator Codon Enhance Translation in Mammalian Cells	Vol/Iss: 196	Pages: 947-950	Date: 1987

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	195	<b>Author:</b> KOZAK, M.  <b>Publ:</b> <u>Gene</u>	<b>Title:</b> Initiation of translation in prokaryotes and eukaryotes		
			<b>Vol/Iss:</b> 234	<b>Pages:</b> 187-208	<b>Date:</b> 1999
	196	<b>Author:</b> KUMARAN, J.D.S. et al.  <b>Publ:</b> <u>Testis Development in White Plymouth Rock</u>	<b>Title:</b> The Normal Development of the Testes in the White Plymouth Rock		
			<b>Vol/Iss:</b>	<b>Pages:</b> 511-519	<b>Date:</b> 01-01-1948
	197	<b>Author:</b> LAMPE, D. et al.  <b>Publ:</b> <u>Proc. Natl. Acad. Sci. USA</u>	<b>Title:</b> Hyperactive transposase mutants of the Himar1 mariner transposon		
			<b>Vol/Iss:</b> 96	<b>Pages:</b> 11428-11433	<b>Date:</b> 09-01-1999
	198	<b>Author:</b> MARSHAK, S. et al.  <b>Publ:</b> <u>Proc. Natl. Acad. Sci. USA</u>	<b>Title:</b> Purification of the B-Cell Glucose-sentitive Factor that Transactivates the Insulin Gene Differentially in Normal and Transformed Islet Cells		
			<b>Vol/Iss:</b> Vol. 93	<b>Pages:</b> 15057-15062	<b>Date:</b> 12-01-1996
	199	<b>Author:</b> MATHER et al.  <b>Publ:</b> <u>British Poultry Science</u>	<b>Title:</b> The Mariner Transposable Element: A Potential Vector for Improved Integration of Transgenes into the Chicken Genome		
			<b>Vol/Iss:</b> Vol. 41	<b>Pages:</b> S27-S28	<b>Date:</b> 09-01-2000
	200	<b>Author:</b> MEISS et al.  <b>Publ:</b> <u>BioTechniques</u>	<b>Title:</b> Vectors for Dual Expression of Target Genes in Bacterial and Mammalian Cells		
			<b>Vol/Iss:</b> 29(3)	<b>Pages:</b> 476, 478, 480	<b>Date:</b> 2000
	201	<b>Author:</b> MOHAMMED et al.  <b>Publ:</b> <u>Immunotechnology</u>	<b>Title:</b> Deposition of Genetically Engineered Human Antibodies into the Egg Yolk of Hens		
			<b>Vol/Iss:</b> 4	<b>Pages:</b> 115-125	<b>Date:</b> 1998

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<p>Substitute for Form 1449/A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	18	of	23	Attorney Docket Number	51687-0261 (51687-331126)

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	202	<b>Author:</b> MONROE, D. et al. <b>Publ:</b> <u>Biochemica et Biophysica Acta</u>	<b>Title:</b> The COUP-adjacent repressor (CAR) Element Participates in the Tissue-Specific Expression of the Ovalbumin Gene	<b>Vol/Iss:</b> 1517 <b>Pages:</b> 27-32 <b>Date:</b> 01-01-2000	
	203	<b>Author:</b> MURAMATSU, T. et al. <b>Publ:</b> <u>Poultry and Avian Biology</u>	<b>Title:</b> Regulation of Ovalbumin Gene Expression	<b>Vol/Iss:</b> 6 (2) <b>Pages:</b> 107-123 <b>Date:</b> 01-01-1995	
	204	<b>Author:</b> MUZZIN et al. <b>Publ:</b> <u>Mol Endo</u>	<b>Title:</b> Hepatic Insulin Gene Expressions as Treatment for aType 1 Diabetes Mellitus in Rats	<b>Vol/Iss:</b> Vol. 11 No. 6 <b>Pages:</b> 833-837 <b>Date:</b> 01-01-1997	
	205	<b>Author:</b> NICKLIN et al. <b>Publ:</b> <u>Hypertension</u>	<b>Title:</b> Analysis of Cell-Specific Promoters for Viral Gene Therapy Targeted at the Vascular Endothelium	<b>Vol/Iss:</b> Vol. 38 <b>Pages:</b> 65-70 <b>Date:</b> 01-01-2001	
	206	<b>Author:</b> OAKBERG, E. <b>Publ:</b> <u>Duration of Spermatogenesis</u>	<b>Title:</b> Duration of Spermatogenesis in the Mouse and Timing of Stages of the Cycle of the Seminiferous Epithelium	<b>Vol/Iss:</b> <b>Pages:</b> 507-516 <b>Date:</b>	
	207	<b>Author:</b> Ochiai, H et al. <b>Publ:</b> <u>Poultry Science</u>	<b>Title:</b> Synthesis of Human Erythropoietin in Vivo in the Oviduct of Laying Hens by Localized in Vivo Gene Transfer using Electroporation	<b>Vol/Iss:</b> 77 (2) <b>Pages:</b> 299-302 <b>Date:</b> 1998	
	208	<b>Author:</b> ONO et al. <b>Publ:</b> <u>Exp. Anim.</u>	<b>Title:</b> Gene Transfer into Circulating Primordial Germ Cells of Quail Embryos	<b>Vol/Iss:</b> Vol. 4 No. 4 <b>Pages:</b> 275-278 <b>Date:</b> 01-01-1995	

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	209	Author:OSBORNE et al.  Publ: <u>Plant J.</u>	Title:A System for Insertional Mutagenesis and Chromosomal Rearrangement Using the Ds Transposon and Crelox	Vol/Iss: Vol. 7 No. 4	Pages: 687-701	Date: 04-01-1995
	210	Author:Pain, B et al.  Publ: <u>Cell Tissues Organs</u>	Title:Chicken Embryonic Stem Cells and Transgenic Strategies	Vol/Iss: 165	Pages: 212-219	Date: 1999
	211	Author:PARK, H.  Publ: <u>Biochemistry</u>	Title:COUP-TF Plays a Dual ROle in the Regulation of the Ovalbumin Gene	Vol/Iss: 39	Pages: 8537-8545	Date: 01-01-2000
	212	Author:PHAN et al.  Publ: <u>Journal of Biological Chemistry</u>	Title:Structural Basis for the Substrate Specificity of Tobacco Etch Virus Protease	Vol/Iss: Vol. 277 no. 52	Pages: 50564-50572	Date: 12-27-2002
	213	Author:PLATON, D.  Publ:	Title:A Shortage of Monoclonal Antibody Manufacturing Capacity	Vol/Iss:	Pages:	Date:
	214	Author:PRUDHOMME, M. et al.  Publ: <u>J Bacteriol</u>	Title:Diversity of Tn4001 transposition products: the flanking IS256 elements can form tandem dimers and IS circles	Vol/Iss: 184(2)	Pages: 433-443	Date: 01-01-2002
	215	Author:QIU, Y.  Publ: <u>Proc. Natl. Acad. Sci.</u>	Title:Spatiotemporal Expression Patterns of Chicken Ovalbumin Upstream Promoter-Transcription Factors in the Developing Mouse Central Nervous System: Evidence for a ROle in Segmental Patterning of the Diencephalon	Vol/Iss: 91	Pages: 4451-4455	Date: 01-01-1994

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	216	Author:Richardson, P.D.  Publ: <u>Stem Cells</u>	Title:Gene Repair and Transposon- Mediated Gene Therapy		
			Vol/Iss: 20	Pages: 112-115	Date: 2002
	217	Author:SAKAI, J. et al.  Publ: <u>Genetics</u>	Title:Two classes of Tn10 transposase mutants that suppress mutations in the Tn10 terminal inverted repeat		
			Vol/Iss: 144(3)	Pages: 861-870	Date: 11-01-1996
	218	Author:Sarmasik, Aliye et al.  Publ: <u>Marine Biotechnology</u>	Title:Transgenic live-bearing fish and crustaceans produced by transforming immature gonads with replication-defective pantropic retroviral vectors		
			Vol/Iss: 3 (5)	Pages: 470-477	Date: 2001
	219	Author:SASAKAWA, C. et al.  Publ: <u>Prod Natl Acad Sci USA</u>	Title:Control of transposon Tn5 transposition in Escherichia coli		
			Vol/Iss: 79(23)	Pages: 7450-7454	Date: 12-01-1982
	220	Author:SCHLENSTEDT et al.  Publ: <u>The Journal of Biological Chemistry</u>	Title:Structural Requirements for Transport of PreprocecropinA and Related Presecretory Proteins into Mammalian Microsomes		
			Vol/Iss: 267(34)	Pages: 24328-24332	Date: 12/05/1992
	221	Author:SCHNEIDER et al.  Publ: <u>Gene: An International Journal on Genes and Genomes</u>	Title:An Epitope Tagged Mammalian / Prokaryotic Expression Vector with Positive Selection of Cloned Inserts		
			Vol/Iss: 197	Pages: 337-341	Date: 1997
	222	Author:SCHULTZ et al.  Publ: <u>J. Mol. Biol.</u>	Title:Translation Initiation of IS50R Read-through Transcripts		
			Vol/Iss: 221	Pages: 65-80	Date: 1991

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	223	Author:SEAL et al.  Publ: <u>Mol. Cell Biol.</u>	Title:Mutational Studies Reveal a Complex Set of Positive and Negative Control Elements Within the Chicken Vitellogenin II Promoter		
	224	Author:SEKINE, Y. et al.  Publ: <u>Mol Gen Genet</u>	Title:Identification of the site of translational frameshifting required for production of the transposase encoded by insertion sequence IS 1		
	225	Author:SEKINE, Y. et al  Publ: <u>Mol Gen Genet</u>	Title:DNA Sequences required for translational frameshifting in production of the transposase encoded by IS1		
	226	Author:SHARMA et al.  Publ: <u>Journal of Biological Chemistry</u>	Title:Pancreatic Islet Expression of the Homeobox Factor STF-1 Relies on and E-box Motif That Binds USF		
	227	Author:SHERMAN et al.  Publ: <u>Nature Biotechnology</u>	Title:Transposition of the Drosophila Element Mariner into the Chicken Germ Line		
	228	Author:SHERRATT, D.  Publ: <u>Mobile DNA</u>	Title:Tn3 and Related Transposable Elements: Site-Specific Recombination and Transposition		
	229	Author:SIMONS, R.W. et al.  Publ: <u>Cell</u>	Title:Translational Control of IS10 transposition		
			Vol/Iss: Vol. 16	Pages: 1050-1053	Date: 11-01-1998
			Vol/Iss: 235(2-3)	Pages: 325-332	Date: 11-01-1992
			Vol/Iss: Vol. 271 No. 4	Pages: 2294-2299	Date: 01-26-1996
			Vol/Iss: 34(2)	Pages: 163-184	Date: 01-01-1989
			Vol/Iss: 34(2)	Pages: 683-691	Date: 09-01-1983

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	230	<b>Author:</b> SLOWINSKI et al.  <b>Publ:</b> <u>Clinical Science</u>	<b>Title:</b> Pattern of Prepro-Endothelin-1 Expression Revealed by Reporter-Gene Activity in Kidneys of Erythropoietin-Overexpressing Mice		
	231	<b>Author:</b> VILEN et al.  <b>Publ:</b> <u>Transgenic Research</u>	<b>Title:</b> Construction of Gene-targeting Vectors: a Rapid Mu in vitro DNA Transposition-based Strategy Generating Null, Potentially Hypomorphic, and Conditional Alleles		
	232	<b>Author:</b> Von Specht, M.  <b>Publ:</b> <u>Dissertation</u>	<b>Title:</b> Expression eines rekombinanten humanen Proteins in vitro und in vivo in Eileiterzellen des Huhnes, am Beispiel von humanem Erythropoetin, hrEPO (English Translation Provided)		
	233	<b>Author:</b> Wallace et al.  <b>Publ:</b> <u>Biology the Science of Life</u>	<b>Title:</b>		
	234	<b>Author:</b> WANG, A. et al.  <b>Publ:</b> <u>Genetics</u>	<b>Title:</b> Activation of silent genes by transposons Tn5 and Tn10.		
	235	<b>Author:</b> XANTHOPOULOS et al.  <b>Publ:</b> <u>European Journal of Biochemistry</u>	<b>Title:</b> The structure of the gene for cecropin B, an antibacterial immune protein from <i>Hyalophora cecropia</i>		
	236	<b>Author:</b> ZAGORAIOU, L.  <b>Publ:</b> <u>Proc. Natl. Acad. Sci. USA</u>	<b>Title:</b> In vivo Transposition of Minos, a <i>Drosophila</i> Mobile Element, in Mammalian Tissues		
			<b>Vol/Iss:</b> 103 (48)	<b>Pages:</b> 445-475	<b>Date:</b> Clinical Science
			<b>Vol/Iss:</b> Vol. 10	<b>Pages:</b> 69-80	<b>Date:</b> 01-01-2001
			<b>Vol/Iss:</b>	<b>Pages:</b> 49-68	<b>Date:</b> 2002
			<b>Vol/Iss:</b> 2	<b>Pages:</b> 235	<b>Date:</b> 1986
			<b>Vol/Iss:</b> 120(4)	<b>Pages:</b> 875-885	<b>Date:</b> 12-01-1988
			<b>Vol/Iss:</b> 172	<b>Pages:</b> 371-376	<b>Date:</b> 1988
			<b>Vol/Iss:</b> 98 (20)	<b>Pages:</b> 11474-11478	<b>Date:</b> 01-01-2001

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	237	Author:ZHUKOVA et al.	Title: Expression of the Human Insulin Gene in the Gastric G Cells of Transgenic Mice		
		Publ: <u>Transgenic Research</u>	Vol/Iss: Vol. 10	Pages: 329-341	Date: 01-01-2001

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